

FIG. I

the first fi

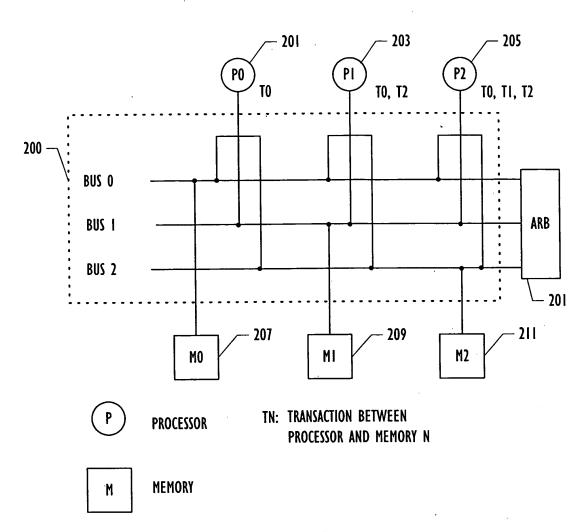


FIG. 2

And the three three three trails the three trails to the trail that the trails to the

		RES	OURCE	S
		0	1	2
	0	Ж	0	0
REQUESTERS	1	0	1	1
	2	1.	1	1
EIC 2			R	

	J	RES	NRQ
1	0	0	nrq[0] = 1 nrq[1] = 2 nrq[2] = 3
			4[2]

ROUND-ROBIN POSITION

KRANTED REQUEST

FIG. 3A

		0_	RESOURCE:	2
	0	X	0	0
REQUESTERS	1	0	1	1
	2	1	X	1
	_		R	

1	0	1	nrq[0] = 0
			nrq[1] = 2
			nrq[2] = 2
		ļ	

RES

NRQ

ROUND-ROBIN POSITION

ROUND-ROBIN POSITION

FIG. 3B

		RESOURCES			
		0	1	2	
	0	X (0	0	
REQUESTERS	1	0	1	*	
	2	-0	X	0	
			R		

	J	RES	NRQ
1	0	2	nrq[0] = 0
			nrq[1] = 1
			nrq[2] = 0

ROUND-ROBIN POSITION

GRANTED REQUEST

FIG. 3C

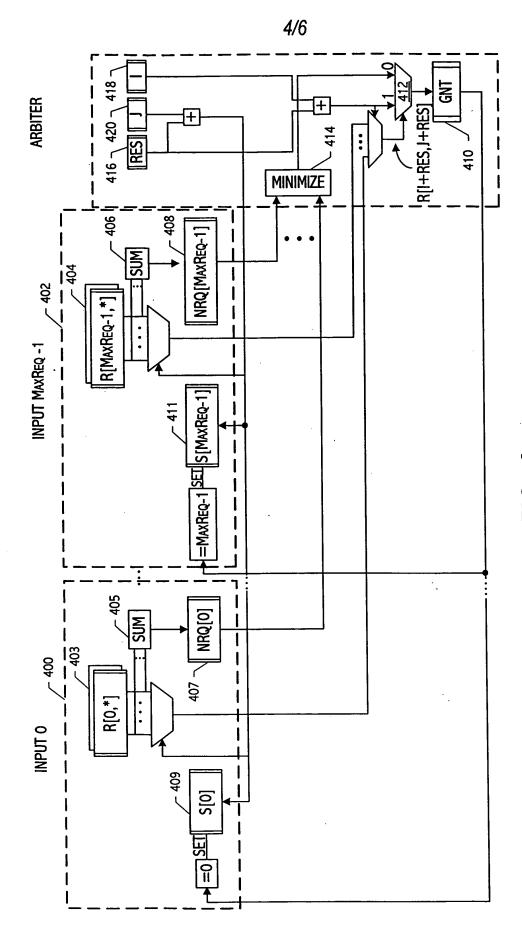


FIG. 4

1	J	REQ	NRQ
1	0	0	nrq[0] = 1 nrq[1] = 2 nrq[2] = 3

ROUND-ROBIN POSITION **GRANTED REQUEST**

FIG. 5A

	RESOURCES			
		0	11	2
	0	1	0	1
REQUESTORS	1	. 0	X	1
	2	0	0	x)
FIG. 5	В		R	

	NRQ	REQ	J	
= 0	nrq[0] nrq[1] nrq[2]	1	0	1
			1	

ROUND-ROBIN POSITION GRANTED REQUEST

		RI O	ESOURCE 1	S 2
	0	Ж	0	0
REQUESTORS	1	0	X (0
	2	0	0	X
FIG	5 <i>C</i>		R	

1	J	REQ	NRQ	
1	0	2	nrq[0] = 1	
			nrq[1] = 0	
			nrq[2] = 0	
	i			
ROUND-ROBIN POSITION				

GRANTED REQUEST

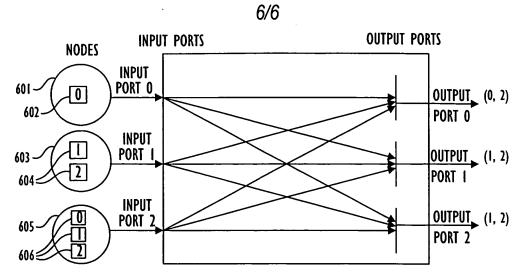
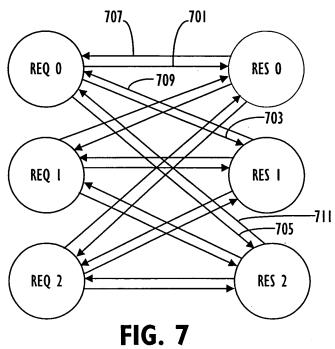


FIG. 6



	Output Port O	Output Port 1	Output Port 2
REQUEST VECTOR O	I	0	0
REQUEST VECTOR I	0	1	ı
REQUEST VECTOR 2	I	I	1

FIG. 8